

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-68 (canceled)

Claim 69 (previous presented) A method for a computer peripheral device to monitor at least one mobility context and response to said mobility context change, the method comprising:

- receiving information related to at least one trigger condition;
- storing said trigger condition in ~~a~~ said device;
- monitoring current state of said mobility context;
- evaluating trigger condition based on said current state; and
- outputting a signal if said current state satisfies the criteria of said trigger condition.

Claim 70 (previous presented) The method of claim 69, wherein said signal is for waking up or changing the power saving state of a part of an associated computer system.

Claim 71 (previous presented) The method of claim 69, wherein said signal is for interrupting the host system of an associated computer system for executing a job that is associated with said trigger condition

Claim 72 (previous presented) The method of claim 69, wherein said information further comprises a callback identifier that is associated with said trigger condition, and said callback identifier is send to an associated computer system if said current state satisfies the criteria of said trigger condition.

Claim 73 (previous presented) The method of claim 69, wherein said information is related to multiple trigger conditions and one trigger condition is used to enable or disable another trigger condition.

Claim 74 (previous presented) The method of claim 69, wherein said mobility context is selected from the following group consisting of location context and proximity context.

Claim 75 (previous presented) The method of claim 74, wherein said location context is the position of said device in a referencing position system.

Claim 76 (previous presented) The method of claim 75, wherein said referencing position system uses multiple satellites as reference points.

Claim 77 (previous presented) The method of claim 75, wherein said monitoring current state further comprising determining the current position of said device by triangulation method.

Claim 78 (previous presented) The method of claim 75, wherein said trigger condition is related to whether or not said device is within a pre-selected area in said referencing position system.

Claim 79 (previous presented) The method of claim 74, wherein said proximity context is related to the presence of one or more wireless communication interfaces in proximity of said device.

Claim 80 (previous presented) The method of claim 79, wherein said monitoring current state further comprising:

receiving message on wireless media; and

decoding said message according to a communication protocol, wherein a wireless communication interface becomes present in proximity of said device if the identifier of this wireless communication interface is decoded from said message.

Claim 81 (previous presented) The method of claim 80, wherein said trigger condition comprises a rule of presence of one or more pre-selected peer wireless communication interfaces.

Claim 82 (previous presented) The method of claim 81, further comprising recording the individual last detecting time of said pre-selected peer wireless for deriving the individual absence of said pre-selected peer wireless communication interfaces.

Claim 83 (previous presented) The method of claim 81, wherein said identifier pertains to the physical link mechanism or the medium access control mechanism of said communication protocol.

Claim 84 (previous presented) The method of claim 83, wherein said identifier is a media access control address.

Claim 85 (previous presented) The method of claim 81, wherein said identifier pertains to the network layer of said communication protocol or the upper layer.

Claim 86 (previous presented) The method of claim 85, wherein said trigger identifier is an Internet protocol (IP) address.

Claim 87 (previous presented) A computer peripheral device to monitor at least one mobility context and response to the change of said mobility context, the peripheral device comprising:

at least one receiver for receiving information related to the current state of said mobility context;

at least one trigger condition that defines a trigger state of said mobility context;

a memory for storing said trigger condition; and

a checker configured to evaluate said trigger condition based on said current state and output a signal when said current state meet the criteria of said trigger condition;

Claim 88 (previous presented) The device of claim 87, wherein said signal is for waking up or changing the power saving state of a part of an associated computer system.

Claim 89 (previous presented) The device of claim 87, further comprising a bus interface for connecting to a bus of an associated computer system.

Claim 90 (previous presented) The device of claim 87, wherein said signal is for interrupting the host system of an associated computer system for executing a job that is associated with said trigger condition.

Claim 91 (previous presented) The device of claim 87, further comprising a callback identifier that associates with said trigger condition, wherein said callback identifier is stored in said device and is transmitted to an associated computer system when said trigger condition is satisfied.

Claim 92 (previous presented) The device of claim 87, further comprising a second trigger condition, wherein the first said trigger condition can be enabled or disabled when said current state satisfies the criteria of said second trigger condition.

Claim 93 (previous presented) The device of claim 87, wherein said mobility context is selected from the following group consisting of location context and proximity context.

Claim 94 (previous presented) The device of claim 93, wherein said location context is the position of said device in a referencing position system.

Claim 95 (previous presented) The device of claim 94, wherein said referencing position system uses multiple satellites as reference points.

Claim 96 (previous presented) The device of claim 94, wherein said trigger condition is related to whether or not said device is within a pre-selected area in said referencing position system.

Claim 97 (previous presented) The device of claim 94, wherein said receiver contains a processor configured to determine the current position of said device by triangulation method.

Claim 98 (previous presented) The device of claim 93, wherein said proximity context is the presence of one or more wireless communication interfaces in proximity of said device.

Claim 99 (previous presented) The device of claim 98, wherein said receiver contains a processor configured to decoding message on wireless media according to a communication protocol, wherein a wireless communication interface becomes present in proximity of said device if the identifier of this wireless communication interface is decoded from said message;

Claim 100 (previous presented) The device of claim 99, wherein said trigger condition comprises a rule related to the presence of one or more pre-selected wireless communication interfaces in proximity of said device.

Claim 101 (previous presented) The device of claim 100, further comprising means to record the individual last detecting time of said pre-selected wireless communication interfaces for deriving the individual absence of said pre-selected wireless communication interfaces.

Claim 102 (previous presented) The device of claim 100, wherein said identifier pertains to the physical link mechanism or the medium access control mechanism of said communication protocol.

Claim 103 (previous presented) The device of claim 102, wherein said identifier is a media access control address.

Claim 104 (previous presented) The device of claim 100, wherein said identifier pertains to the network layer of said communication protocol or the upper layer.

Claim 105 (previous presented) The device of claim 104, wherein said identifier is an Internet protocol (IP) address.

Claims 106-107 (canceled)